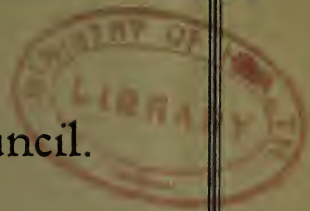


LLANDILO  
Urban District Council.



# ANNUAL REPORT

OF THE

Medical Officer  
of Health,  
1937.

LLANDILO :

Isaac Harries, Printer, Towy Press.



# *To the Llandilo Urban Sanitary Authority.*



Mr Chairman and Gentlemen,

I have the honour to submit to you my Annual Report for the year ending December 31st, 1937.

## **Section A.**

### **STATISTICS AND SOCIAL CONDITIONS OF THE AREA.**

The Area of the district is 310·3 acres.

The estimated resident population is 1,909.

The number of inhabited houses (end of 1937) according to the Rate Books is 556.

The rateable value is £8,815.

The sum represented by a penny rate is £34·3575.

There are no industries in the town or its immediate surroundings, and the inhabitants are dependant chiefly upon the trading done from a large agricultural area.

### **VITAL STATISTICS.**

#### **LIVE BIRTHS—**

	Total.	Male.	Female.
Legitimate ...	23	12	11
Illegitimate ...	4	3	1
Legitimate Illegitimate ...	27	15	12

The Birth Rate is 14·14 per 1000 estimated population

The Birth Rate for England & Wales is 14·9 per 1000 estimated population.

The Birth Rate for the Llandilo Rural District is 14·48 per 1000 estimated population.

There have been no still births in the area during the year.

### DEATHS.

Total—33.

Males—16.

Females—17.

The Death Rate is 17·28 per 1000 estimated population

The Death Rate for England and Wales is 12·4 per 1000 estimated population.

The Death Rate for the Llandilo Rural District is 11·85 per 1000 estimated population.

### MATERNAL MORTALITY.

	Number	Death Rate per 1000 Live and Still Births
Puerperal Sepsis —	Nil	Nil
Other Puerperal Cause	1	37·03
Total —	1	37·03

The Maternal Mortality for England and Wales is:—

Puerperal Sepsis	...0·94	per 1000 live and still births
Other puerperal causes...	2·17	„ „ „
Total	...3·11	„ „ „

The Maternal Mortality for the Llandilo Rural District is :—

Puerperal Sepsis	...2'34	per 1000 live and still births
Other puerperal causes	...2'34	„ „ „
Total	...4'68	„ „ „

The Death Rate of Infants under one year of age :—

	Total	Male	Female	Death Rate
Legitimate ...	2	1	1	86'9 per 1000 legitimate live births
Illegitimate ...	0	0	0	0
Legitimate and Illegitimate ...	2			86'9 per 1000 legitimate live births.

The Infant Death Rate for England and Wales is 58 per 1000 legitimate and illegitimate live births.

The Infant Death Rate for the Llandilo Rural District is 37 per 1000 legitimate and illegitimate live births.

### DEATHS FROM CANCER (ALL AGES).

Total—6.                  Males, 2.                  Females, 4.

The Death Rate for Cancer is 3.14 per 1000 estimated population.

The Death Rate for Cancer for the Llandilo Rural District is 0.96 per 1000 estimated population.

*On the other Page a Table shows the sites and age incidence of Cancer.*

# DEATHS FROM CANCER.

Age Periods.		0—10		10—15		15—20		20—25		25—35		35—45		45—50		50—65		65 and upwards		TOTAL	
Sites.		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Uterus																	one				1
Tongue and Mouth																					
Breast																					
Lip																					
Skin																					
Larynx																					
Bladder																	one			1	
Rectum																					
Stomach													one							1	
Other Sites																					3
TOTAL													1			1	1			2	4

Deaths from Measles is NIL.

Deaths from Whooping Cough is NIL.

Deaths from Diarrhoea (under 2 years of age) is NIL.

Fourteen people died from Heart Disease during the year, which gives a Death Rate of 7.3 per 1000 estimated population.

This disease is responsible for far more deaths than any other malady.

## Section B.

### GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

(1) The District is served by a part-time Medical Officer of Health and a whole time Sanitary Inspector who holds the A.R. San. I. Certificate.

There are two District Nurses who act as Midwives, Health Visitors and who assist at School Clinics and Infant Welfare.

- (2) a—Laboratory facilities.
- b—Ambulance facilities.
- c—Nursing in the Home.
- d—Treatment Centres and Clinics, including Clinics solely for diagnosis or consultation.
- e—Hospitals—Public and Voluntary.

There have been no changes in the foregoing during the year.

### 3. MATERNITY AND CHILD WELFARE.

- (i) Midwifery and Maternity Services.
- (ii) Institutional Provision for Mothers & Children.
- (iii) Health Visitors.
- (iv) Child Life Protection.
- (v) Orthopaedic Treatment.

There have been no changes in the foregoing during the year.

- 4. There are no Registered Nursing Homes in the Area.



## Section C.

### 1. (i) WATER

On November 10th, 1937, a Public Inquiry was held at Llandilo to consider the question of improving the water supply. The Inquiry was held by P. H. Seabrook, Esq., M.I.C.E., and the proposals of the Council were approved. Two samples of the water were taken during the year and were found to be satisfactory.

The Water Main from the reservoir at Maesevan will be cut off when the new Scheme has been carried out, as the water from this source is liable to contamination by surface drainage.

Owing to the dry season the supply to the higher levels of the town were again intermittent.

### (ii) DRAINAGE AND SEWERAGE—

The proposal to extend the New Road Sewer to accommodate the probable development along the Carmarthen Road is to be commended.

The year under review was an exceptionally dry one and complaints were received about the nuisance created by stagnation of sewage near the town station. This nuisance arose because the Towy had become so low during the drought that the sewage was not carried away.

Some system of drainage for North and South Sides of the Town in conjunction with Cilcennen & Rhosmaen and Ffairfach must be undertaken without delay.

Minor repairs and cleansing work were carried out during the year, viz.—Cawdor Fields, Carmarthen Street and New Road.



## 2. RIVERS AND STREAMS—

The Towy and Gurrey Fach were polluted by the untreated sewage from the town and also by rubbish tipped by the inhabitants on to the banks and into the water courses.

Notices should be placed in prominent positions indicating that the deposit of rubbish indiscriminately is an offence punishable by law.

## 3. (i) CLOSET ACCOMMODATION—

All the houses built during the year were connected up with the Council's Sewers.

There are 659 Water Closets in use within the area.

There were no Cesspools constructed during the year.

One Public Water Closet was disconnected during the year in the Slaughter house, thus bringing the number of public water closets in the area down to eleven.

The Urinal at the Square in the centre of the town has been removed and there are only four public urinals in the town.

I strongly urge this Authority to consider without delay the necessity of constructing public conveniences near the centre of the town.

## (ii) PUBLIC CLEANSING—

The town is divided into two districts, viz.—East and West. All the street sweepings are wheeled in street orderlies or barrows to properly constructed iron refuse bins which are cleared twice weekly.

Street scavenging and cleansing is a daily task, and two men are detailed off for this work. This includes the cleaning of all street gullies, etc.

No street tarring was carried out during the year and this is to be abandoned until the G.P.O. has completed the laying of underground telephones and the new water mains for the town have been laid.

## CINEMATOGRAPH ACT, 1909, etc.

The Cinema in New Road was found to be in order. The building is properly disinfected regularly and is capable of being emptied in three or four minutes.

The Drill Hall is to be reconstructed and is not now in use.

The Church Hall is admirably suited for its purpose, being a modern building and very well equipped.

### (iii) SANITARY INSPECTION OF AREA—

House and Housing Inspections	...	84
Schools	... ..	6
Stables	... ..	14
Bakehouses	... ..	11
Cesspools	... ..	1
Infectious Diseases	... ..	9
Cleaning of Manure	... ..	10
Lime-washing	... ..	7
Cleaning Drains	... ..	34
Making New Drains	... ..	5
Repairing defective drains	... ..	4
Making New Water Closets	... ..	7
Stopping of Water Leakages	... ..	38
Repairs to yards and areas	... ..	3
Repairs to troughings and down pipes	...	4

### GENERAL ROUTINE WORK.

The following Routine Work is carried out by the local authority:

- (a) The Cleaning of all road gullies and catchpits.
- (b) The washing out of water mains.
- (c) The plastering and cleaning of roadside wastes.
- (d) The clearing of water courses.
- (e) The cleaning, washing of all public places after fairs and shows, etc.
- (f) The disinfection of all premises after infectious diseases.

**(iv) SHOPS—**

No action was taken under the Shops Act, 1934—The majority of the shops are well ventilated and have their own sanitary conveniences.

**FACTORIES AND WORKSHOPS ACT, 1901**

Number of Workshops on Register ...	68
Number of offensive trades ...	1
Number of minor complaints attended to	7
Number of Inspections made ...	28
Unwholesome Premises ...	Nil
Making Apparel ...	4
Furniture and Upholstery ...	3
Number of Inspections made ...	28
Unwholesome Premises ...	0
Making Apparel ...	4
Furniture and Upholstery ...	3

**(v) SMOKE ABATEMENT—**

No action was taken with regard to smoke abatement during the year.

The generation of electricity from coal has been discontinued by the Local Authority. The motive power in use at the Saw Mills is now Crude Oil.

**(vi) SWIMMING BATHS AND POOLS—**

There are no Swimming Baths or Pools within the area.

**(vii) ERADICATION OF BED BUGS—**

No work of disinfection was carried out during the year.

It is important that all the new tenants to the Council Houses should have their bedding and furniture disinfested prior to their taking up their abode.

#### 4. SCHOOLS—

There are four Schools within the area. Two elementary one secondary and one private school. Disinfection of the three public schools was carried out during the summer holidays. The private school was also disinfected.

The Sanitary accommodation and condition of the schools are satisfactory.

The Water is laid on to all Schools and all conveniences are on the water carriage system.

## Section D.

### HOUSING.

#### 1. Inspection of Dwelling-houses during the year—

- |   |     |     |     |     |
|---|-----|-----|-----|-----|
| (1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)   | ... | ... | ... | 84  |
| (b) Number of Inspections made for the purpose  | ... | ... | ... | 84  |
| (2) (a) Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925    | ... | ... | ... | Nil |
| (b) Number of inspections made for the purpose  | ... | ... | ... | Nil |
| (3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation                                | ... | ... | ... | 31  |
| (4) Number of dwelling-houses (exclusive of those referred to under preceding sub-head) found not to be in all respects reasonably fit for human habitation | ... | ... | ... | 9   |

## 2. Remedy of defects during the year without Service of formal Notices :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers ... Nil

## 3. Action under Statutory Powers during the year—

(a) Proceedings under sections 9, 10, and 16 of the Housing Act, 1936.

(1) Number of dwelling-houses in respect of which notices were served requiring repairs... Nil

(2) Number of dwelling-houses which were rendered fit after service of formal notices :—

(a) By owners ... Nil

(b) By Local Authority in default of owners ... Nil

(b) Proceedings under Public Health Acts :—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ... Nil

(2) Number of dwelling-houses in which defects were remedied after service of formal notices :—

(a) By owners ... Nil

(b) By Local Authority in default of owners ... Nil

(c) Proceedings under sections 11 and 13 of the Housing Act, 1936 :—

(1) Number of dwelling-houses in respect of which Demolition Orders were made ...

(2) Number of dwelling-houses demolished in pursuance of Demolition Orders ...

(d) Proceedings under section 12 of the Housing Act, 1936 :

- |  |     |     |     |     |
|--|-----|-----|-----|-----|
| (1) Number of separate tenements or under-ground rooms in respect of which closing orders were made  | ... | ... | ... | Nil |
| (2) Number of separate tenements or under-ground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit |     |     | ... | Nil |

**4. Housing Act, 1936—Part IV.—Overcrowding—**

- |  |     |     |     |     |
|--|-----|-----|-----|-----|
| (a) (i) Number of dwellings overcrowded at the end of the year   | ... | ... | ... | 16  |
| (ii) Number of families dwelling therein   |     |     | ... | 16  |
| (iii) Number of persons dwelling therein (including all ages)  |     |     | ... | 78  |
| (b) Number of new cases of overcrowding reported during the year   | ... | ... | ... | Nil |
| (c) (i) Number of cases of overcrowding relieved during the year   | ... | ... | ... | Nil |
| (ii) Number of persons concerned in such cases   | ... | ... | ... | Nil |
| (d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding |     |     | ... | Nil |
| (e) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report                   | ... | ... | ... | Nil |

**RE-HOUSING.**

The Council has now purchased a site of about 10 acres in area and a lay-out plan has been prepared for the first batch of twenty houses.



## Section E.

### SUPERVISION AND INSPECTION OF FOOD

#### (a) MILK SUPPLY—

The number of Cowkeepers and Dairymen within the area is 2, and the number outside the area who serve the town is 6. The number of retail purveyors of milk within the area is 2. The number of retail purveyors of milk outside the area is Nil. The above Cowkeepers, Dairymen and Retail purveyors of milk serve the inhabitants of the town.

Ten samples of Milk were taken during the year, three of which were not to be found up to the required standard. Warning notices were sent to defaulters.

All the Cowsheds and Dairies were regularly visited during the year. The total number of visits made being 16.

Some improvements were suggested in those cowsheds situated within the area and these have been carried out. The Cowsheds and Dairies were found to be in a clean state.

Lighting and ventilation of the cowsheds were good. The walls are limewashed regularly and the floors impervious.

The utensils were all found to be in a scrupulously clean state.

#### BAKEHOUSES—

The number of Bakehouses on the register is eight, of which two are of the small cottage type.

The Bakehouses are well-kept being limed and painted regularly.

All are well lighted naturally, and artificially by electricity.

All are well ventilated.

The number of visits made to bakehouses was eight.



## (b) MEAT AND OTHER FOODS—

### Slaughter of Animals, Act 1933.

The number of persons licensed to slaughter animals is eleven.

The above Act has been extended to cover sheep and lambs.

In addition to the humane slaughter of animals by the Captive Bolt Pistol, this Authority are considering the installation of an electrical stunning equipment and provision is now being made for this.

The Slaughter House is the property of the Council and is maintained and controlled by them.

There are no privately owned Slaughter houses within the area, and no illicit slaughtering of animals is carried out.

In addition to the improvements carried out at the Slaughter house—by the provision of overhead runways and new ceiling—the whole yard surrounding it has now been laid out in concrete cement.

The reconstruction of the skin shed and boiler house should now be carried out.

The Slaughter house is washed down after every killing and the cattle pens and lairs are kept clean.

## PROVISION MARKET—

The building is well-kept and in a clean state. All the tables are well scrubbed with soap and hot water after every market.

Second hand clothing should not be allowed to be exhibited for sale in the Provision Market.

## EGG GRADING STATION—

The Egg Grading Station which is part of the Market is well lighted and ventilated and is very well kept.

## **INCINERATOR—**

The Council should purchase an Incinerator for use at the Market and Slaughter house.

## **CATTLE MARKET—**

The Cattle Market is in very good order.

I suggest again that it is advisable either to tarpave or concrete the roadways. The original tarred Macadam is disintegrated and loose making it impossible to keep it clean. The road surfaces should be made impervious.

I am glad to note that the Council intend to extend the water supply to provide troughs to the cattle pens.

The Cattle Mart is washed down and cleaned every Sale and Fair.

## **TRANSIT OF ANIMALS ORDER—**

Full use is made of the facilities provided in the Cattle Market for the washing and disinfecting of motor lorries and Carriers' vans.

## **TINNED FOODS AND PERISHABLE GOODS—**

Some cases of tinned fish and fruit were found to be "blown" and were destroyed as unfit for human consumption.

The local fishmongers stock good, fresh fish and no complaints were received during the year.

The stallholders at the market also provide good quality fish although some had to be destroyed as unfit for food.

Small quantities of over-ripe and bad fruit were destroyed.

I again call the attention of the Council to the advisability of installing a destructor for the use of the town.

## Section F.

### PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND OTHER DISEASES

There were sixteen cases of infectious disease notified during the year. The table below shows the age incidence of the different diseases. These diseases were not responsible for any deaths.

#### NOTIFIABLE DISEASES FOR THE YEAR 1937.

AGE PERIODS	Pneumonia.	Erysipelas.	Scarlet Fever	Relapsing Fever	Puerperal Fever	Total	Deaths
Under 1 year	1	0	0	0	0	1	0
1 and under 2	0	0	0	0	0	0	0
2 " " 3	0	0	0	0	0	0	0
3 " " 4	0	0	0	0	0	0	0
4 " " 5	0	0	0	0	0	0	0
5 " " 10	0	0	2	0	0	2	0
10 " " 15	0	0	0	0	0	0	0
15 " " 20	0	1	0	0	0	1	0
20 " " 35	1	1	0	1	1	4	0
35 " " 45	1	2	0	0	0	3	0
45 " " 65	3	0	0	0	0	3	0
65 and over	1	1	0	0	0	2	0
	7	5	2	1	1	16	0

Every precaution was observed to prevent the spread of disease.

The two cases of scarlet fever were sent to the Isolation Hospital at Llannon, Llanelly.

The one case of puerperal fever was also sent to the Isolation Hospital and made an uneventful recovery.

The case of relapsing fever was one of an infection by *Brucella Abortus*. Although the origin of the infection could not be traced as the patient never drank milk and had nothing to do with cattle. The case recovered with only one slight relapse.

## (b) TUBERCULOSIS—

No action was taken under the Public Health (Prevention of Tuberculosis) Regulations 1925 (relating to persons suffering tuberculosis employed in Milk Trade) or under Section 62. of The Public Health Act, 1925 or Section 172 of the Public Health Act, 1936 (relating to the compulsory removal to hospital of persons suffering from tuberculosis.

## TUBERCULOSIS

New cases and Mortality during 1937.

The Tuberculosis Death Rate for the area is 1.04 per 1000 estimated population.

## TUBERCULOSIS—1937.

Age periods.	New Cases				Deaths.			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 year ...	0	0	0	0	0	0	0	0
1 and under 5 years	0	0	0	0	0	0	0	0
5 " 10 ...	0	0	0	0	0	0	0	0
10 " 15 ...	0	0	0	1	0	0	0	0
15 " 20 ...	0	0	0	0	0	0	0	0
20 " 25 ...	0	1	0	0	0	0	0	0
25 " 35 ...	0	0	0	0	0	0	1	1
35 " 45 ...	0	0	0	0	1	0	0	1
45 " 55 ...	1	0	0	0	0	0	0	0
55 " 65 ...	0	0	0	0	0	0	0	0
65 and upwards ...	0	0	0	0	0	0	0	0
TOTALS ...	1	1	0	1	1	0	0	2

Birth-rates, Death-rates, Analysis of Mortality, Maternal Death-rates and Case-rates for certain infectious diseases in the year 1937.	}	Llandilo Urban District, Llandilo Rural District, England and Wales.
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*Rates per 1000 Population*

		Llandilo Urban District		Llandilo Rural District		England and Wales.
<i>Births—</i>						
Live	...	14.14	...	14.48	...	14.9
Still	...	0.00	...	0.09	...	0.60
<i>Deaths—</i>						
All Causes	...	17.28	...	11.85	...	12.4
Typhoid & Paratyphoid fevers	...	0.00	...	0.00	...	0.00
Small Pox	...	0.00	...	0.00	...	0.00
Measles	...	0.00	...	0.00	...	0.02
Scarlet Fever	...	0.00	...	0.00	...	0.01
Whooping Cough	...	0.00	...	0.03	...	0.04
Diphtheria	..	0.00	...	0.03	...	0.07
Influenza	..	0.00	...	0.54	...	0.45
Violence	...	0.00	...	0.54	...	0.54
Tuberculosis (Pulmonary)	...	0.52	...	0.57	...	—
Tuberculosis (other forms)	...	0.52	...	0.06	...	—
Cancer	...	3.12	...	0.97	...	—
Heart Disease	...	7.3	...	3.9	...	—
Nephritis (acute and chronic)	...	0.52	...	0.28	...	—
Pneumonia (all forms)	...	0.00	...	0.36	...	—

*Rates per 1000 Live Births.*

Deaths under one year of age	86.9	...	44	...	58
Deaths from diarrhoea and enteritis (under 2 yrs. of age)	0.00	...	7.4	...	5.4

*Maternal Mortality—*

Puerperal Sepsis	...	0.00	...	2.48	...	—
Others	...	37.07	...	2.48	...	—
Total	...	37.07	..	4.96	...	—

*Rates per 1000 Total Births (Live and Still)**Maternal Mortality—*

Puerperal Sepsis	...	0.00	...	2.34	...	0.97
Others	...	37.07	...	2.34	...	2.26
Total	...	37.07	...	4.68	...	3.23

*Notifications—*

Puerperal Fever	...	37.00	...	2.34	...	—
Puerperal Pyrexia	...	0.00	...	4.68	...	—

LIVE BIRTHS —				M.	F.
Legitimate	...	...	...	12	11
Illegitimate	...	...	...	3	1
Total	...	...	...	15	12

## STILL BIRTHS—

Legitimate	...	...	...	0	0
Illegitimate	...	...	...	0	0

## DEATHS OF INFANTS UNDER 1 YEAR OF AGE—

Legitimate	...	...	...	1	1
Illegitimate	...	...	...	0	0
Total	...	...	...	1	1

## CAUSES OF DEATH—

				M.	F.
Other Digestive disease	...	...	...	1	0
Acute and chronic nephritis	...	...	...	1	0
Other puerperal disease	...	...	...	0	1
Congenital debility, premature birth, &c.	...	...	...	0	1
Other defined diseases	...	...	...	1	0
Heart disease	...	...	...	6	8
Diabetes	...	...	...	1	0
Cerebral Haemorrhage, &c.	...	...	...	1	0
Other Circulatory diseases	...	...	...	2	2
Tuberculosis of respiratory system	...	...	...	1	0
Other Tuberculosis	...	...	...	0	1
Cancer	...	...	...	2	4
All causes	...	...	...	16	17

Total ... 33

Resident Population ... 1,909

I have the honour to remain,

Your obedient Servant,

*W. A. T. Lloyd,*

L.M.S.S.A.





